1 September 1995

ELSEVIER

Chemical Physics Letters 242 (1995) 661–671

CHEMICAL PHYSICS LETTERS

Author index to volume 242

Abbouti Temsamani, M., see Campargue, A. 242 (1995) 101
Abouaf, R., J. Pommier and A. Asal, Electronic excitation of C_{70} in the gas phase by electron energy loss spectroscopy 242 (1995) 184
Adamo, C., see Barone, V. 242 (1995) 351
Ågren, H., see Norman, P. 242 (1995) 7
Agricole, B., see Ravaine, S. 242 (1995) 478
Ahlrichs, R., see Eichkorn, K. 242 (1995) 652
Ala-Korpela, M., J. Oja, J. Lounila, J. Jokisaari, M.J. Savolainen and Y.A. Kesäniemi, Structural changes of lipoprotein lipids by ^{1}H NMR 242 (1995) 95
Amano, T., see Xu, Y. 242 (1995) 126
Amoureux, J.P., see Fernandez, C. 242 (1995) 449
Aoki, K., K. Hashimoto, S. Ikuta and O. Nomura, Ab initio MO study of the geometries and energetics of the C_3H^- anion 242 (1995) 527
Appignanesi, G., see Fernández, A. 242 (1995) 460
Arai, T., see Chosrowjan, H. 242 (1995) 644
Asal, A., see Abouaf, R. 242 (1995) 184
Aurentz, D.J., see Mueller, K.T. 242 (1995) 535
Averitt, R.D., P.M. Pippenger, V.O. Papanyan, J.A. Dura, P. Nordlander and N.J. Halas, Photoluminescence spectra of epitaxial single crystal C_{60} 242 (1995) 592
Avouris, P., see Persson, B.N.J. 242 (1995) 483

Bacskay, G.B., On the calculation of nuclear spin–spin coupling constants. The bond length dependence of the Fermi contact term in H_2 and HD 242 (1995) 507
Baer, M., see Szichman, H. 242 (1995) 285
Balakrishnan, N. and G.D. Billing, Variational transition state rate constants for the reaction $O(^3P) + O_3(^1A_1) \rightarrow 2O_2(X^3\Sigma_g^-)$ 242 (1995) 68
Balasubramanian, V., see Chakrabarti, N. 242 (1995) 490
Barone, V., C. Adamo, A. Grand and R. Subra, Structure and ESR features of glycine radical in its zwitterionic form 242 (1995) 351
Baskin, J.S., see Heikal, A.A. 242 (1995) 380
Bässler, H., see Muccini, M. 242 (1995) 207
Bearpark, M.J., see Smith, B.R. 242 (1995) 27
Beckman, J.S., see Lo, W.-J. 242 (1995) 147
Belin, C., see Le Breton, H. 242 (1995) 604
Bellert, D., see Buthelezi, T. 242 (1995) 627
Berdinsky, V.L., see Buchachenko, A.L. 242 (1995) 43
Bernardi, F., see Smith, B.R. 242 (1995) 27

Billing, G.D., see Balakrishnan, N. 242 (1995) 68
Biscarini, F., see Muccini, M. 242 (1995) 207
Bloemink, H.I., K. Hinds, J.H. Holloway and A.C. Legon, Isolation of $H_2S\ldots ClF$ in a pre-reactive mixture of H_2S and ClF expanded in a coaxial jet and characterisation by rotational spectroscopy 242 (1995) 113
Boissel, P., P. Marty, A. Klotz, P. de Parseval, B. Chaudret and G. Serra, Gas phase reactivity of the organometallic complex $[Fe(C_{10}H_8)]^+$: an ion trap study 242 (1995) 157
Bowers, M.T., see Kemper, P.R. 242 (1995) 244
Breton, J., see Foloppe, N. 242 (1995) 238
Briquez, S., see Picaud, S. 242 (1995) 212
Brucat, P.J., see Buthelezi, T. 242 (1995) 627
Buchachenko, A.L. and V.L. Berdinsky, Spin catalysis: three-spin model 242 (1995) 43
Bühl, M., $C_{54}N_6$, a potentially aromatic molecule 242 (1995) 580
Bulgarevich, D.S., see Hara, K. 242 (1995) 455
Buonomo, E., see Pilar de Lara, M. 242 (1995) 336
Burkholder, J.B., see Turnipseed, A.A. 242 (1995) 427
Bushnell, J.E., see Kemper, P.R. 242 (1995) 244
Buthelezi, T., D. Bellert, V. Lewis and P.J. Brucat, The bond length of $CoKr^+$ 242 (1995) 627

Campargue, A., M. Abbouti Temsamani and M. Herman, The absorption spectrum of acetylene in the $2\nu_2 + 3\nu_3$ region. A test of the cluster model 242 (1995) 101
Cao, Y., see Lu, D. 242 (1995) 543
Cartier, S.F., see May, B.D. 242 (1995) 265
Castleman Jr., A.W., see May, B.D. 242 (1995) 265
Cendra, H., see Fernández, A. 242 (1995) 460
Chakrabarti, N., V. Balasubramanian, N. Sathyamurthy and J.W. Gadzuk, Photoinduced desorption in NO/Pt: a time-dependent quantum mechanical study 242 (1995) 490
Chane-Ching, K., M. Lequan, R.M. Lequan and F. Kajzar, Non-linear optical properties of polymers bearing pendent phosphine oxide chromophores 242 (1995) 598
Chang, N. and C. Yu, Ab initio study of the dissociation of formyl cyanide 242 (1995) 232
Chapovsky, P.L., see Nagels, B. 242 (1995) 48
Chaudret, B., see Boissel, P. 242 (1995) 157
Cheng, P.Y., D. Zhong and A.H. Zewail, Microscopic solvation and femtochemistry of charge-transfer reactions: the problem of benzene(s)–iodine binary complexes and their solvent structures 242 (1995) 369
Chew, B.G.M., see Liao, M.-Y. 242 (1995) 89
Cho, M. and R.J. Silbey, Excitation transfer in the vicinity of a dielectric surface 242 (1995) 291
Chong, S.H., see Heikal, A.A. 242 (1995) 380
Chosrowjan, H., S. Tanigichi, T. Okada, S. Takagi, T. Arai and K. Tokumaru, Electron transfer quenching of S_2 state fluorescence of Zn-tetraphenylporphyrin 242 (1995) 644
Chowdhury, P.K. and J.P. Mittal, IR multiphoton dissociation dynamics of 2,5-dihydrofuran. Time-resolved observation of concerted furan formation 242 (1995) 421
Cousseau, J., see Ravaine, S. 242 (1995) 478

Dapprich, S., U. Pidun, A.W. Ehlers and G. Frenking, The calculation of bond dissociation energies of transition metal complexes using isostructural reactions 242 (1995) 521
Delgado-Barrio, G., see Pilar de Lara, M. 242 (1995) 336
Delhaès, P., see Ravaine, S. 242 (1995) 478

Deliwala, S., R.J. Finlay, J.R. Goldman, T.H. Her, W.D. Mieher and E. Mazur, Surface femtochemistry of O_2 and CO on Pt(111) 242 (1995) 617
De Parseval, P., see Boissel, P. 242 (1995) 157
De Vries, M.S., see Laskin, J. 242 (1995) 249
Dominiak-Dzik, G., see Ryba-Romanowski, W. 242 (1995) 623
Donovan, B., see Pullen, S. 242 (1995) 415
Donovan, B., see Walker II, L.A. 242 (1995) 177
Dos Santos, M.C., see Soares, D.M. 242 (1995) 202
Ducasse, A., see Le Breton, H. 242 (1995) 604
Dunne, L.J. and B.G. Reuben, Application of the field theoretic method of Bohm and Pines to the determination of the activity coefficients of strong 1 : 1 electrolytes 242 (1995) 560
Dunsyuryun, D.H., G.V. Karpov and I.I. Morozov, Measurement of the hydration numbers for halogen ions by the mass spectrometric method of field evaporation of ions out of solution 242 (1995) 390
Dura, J.A., see Averitt, R.D. 242 (1995) 592

Egorov, V.G., see Gordon, E.B. 242 (1995) 75
Ehlers, A.W., see Dapprich, S. 242 (1995) 521
Eichkorn, K., O. Treutler, H. Öhm, M. Häser and R. Ahlrichs, Auxiliary basis sets to approximate Coulomb potentials (Chem. Phys. Letters 240 (1995) 283). Erratum 242 (1995) 652
El-Yazal, J., see Martin, J.M.L. 242 (1995) 570

Felker, P.M., see Schaeffer, M.W. 242 (1995) 632
Fernández, A., G. Appignanesi and H. Cendra, What size RNA loop holds bulk solvent? 242 (1995) 460
Fernandez, C. and J.P. Amoureux, 2D multiquantum MAS-NMR spectroscopy of ^{27}Al in aluminophosphate molecular sieves 242 (1995) 449
Fijisawa, G., see Sato, K. 242 (1995) 401
Finlay, R.J., see Deliwala, S. 242 (1995) 617
Fisher, A.J., see Valladares, R.M. 242 (1995) 1
Foloppe, N., J. Breton and J.C. Smith, Conformational energetics of a partially symmetrized photosynthetic reaction centre 242 (1995) 238
François, J.-P., see Martin, J.M.L. 242 (1995) 570
Frenking, G., see Dapprich, S. 242 (1995) 521
Freysz, E., see Le Breton, H. 242 (1995) 604
Friesner, R.A., see Lu, D. 242 (1995) 543
Fritzsche, S., R. Haberlandt, J. Kärger, H. Pfeifer, K. Heinzinger and M. Wolfsberg, Influence of exchangeable cations on the diffusion of neutral diffusants in zeolites of type LTA. An MD study 242 (1995) 361
Fukuda, Y., T. Tsukuda, A. Terasaki and T. Kondow, Intracluster polymerization in acrylonitrile cluster anions studied by photoelectron spectroscopy 242 (1995) 121
Fukushima, M. and K. Obi, Dispersed fluorescence spectra from single vibronic levels of the benzyl radical observed in a pulsed discharge jet 242 (1995) 443
Fukushima, M., see Xu, Y. 242 (1995) 126

Gadzuk, J.W., see Chakrabarti, N. 242 (1995) 490
Gianturco, F.A., see Pilar de Lara, M. 242 (1995) 336
Gilles, M.K., see Turnipseed, A.A. 242 (1995) 427
Girardet, C., see Picaud, S. 242 (1995) 212

Goddard III, W.A., see Lu, D. 242 (1995) 543
Gołąb, S., see Ryba-Romanowski, W. 242 (1995) 623
Goldman, J.R., see Deliwala, S. 242 (1995) 617
Gordon, E.B., V.G. Egorov, S.E. Nalivaiko, V.S. Pavlenko and O.S. Rzhevsky, The theoretical and experimental distinguishing of photoassociation into the XeCl(B) state 242 (1995) 75
Grand, A., see Barone, V. 242 (1995) 351
Gruber, A., M. Vogel, J. Wrachtrup and C. von Borczyskowski, Magnetic resonance on single molecules in an external magnetic field. The Zeeman effect of a single electron spin and determination of the orientation of individual molecules 242 (1995) 465
Gudipati, M.S., On the $^1S \rightarrow {}^1D$ emission of O by exciting O_2 into and beyond the Schumann–Runge continuum in Ar matrices at 15 K 242 (1995) 132
Guo, X.Y., B. Zhong and S.Y. Peng, Kinetics of the first-order reaction on fractals and Monte Carlo simulations 242 (1995) 228

Haas, Y., see Kendler, S. 242 (1995) 139
Haberlandt, R., see Fritzsche, S. 242 (1995) 361
Halas, N.J., see Averitt, R.D. 242 (1995) 592
Hara, K., H. Kiyotani and D.S. Bulgarevich, Effect of frequency-dependent friction for the excited-state isomerization dynamics of 2-vinylanthracene in solution 242 (1995) 455
Harigaya, K., Metallic and insulating states in two-dimensional C_{60} polymers 242 (1995) 585
Häser, M., see Eichkorn, K. 242 (1995) 652
Hashimoto, K., see Aoki, K. 242 (1995) 527
Hayes, W., see Valladares, R.M. 242 (1995) 1
Heikal, A.A., S.H. Chong, J.S. Baskin and A.H. Zewail, Microscopic friction and solvation in barrier crossing: isomerization of stilbene in size-selected hexane clusters 242 (1995) 380
Heinzinger, K., see Fritzsche, S. 242 (1995) 361
Helmle, M., see Lee, Y.K. 242 (1995) 304
Hennig, R., see Muccini, M. 242 (1995) 207
Her, T.H., see Deliwala, S. 242 (1995) 617
Herman, M., see Campargue, A. 242 (1995) 101
Hermans, L.J.F., see Nagels, B. 242 (1995) 48
Hinds, K., J.H. Holloway and A.C. Legon, The complex OC...ClF identified as a pre-chemical intermediate by rotational spectroscopy of carbon monoxide–chlorine monofluoride mixtures 242 (1995) 407
Hinds, K., see Bloemink, H.I. 242 (1995) 113
Holloway, J.H., see Bloemink, H.I. 242 (1995) 113
Holloway, J.H., see Hinds, K. 242 (1995) 407
Horie, K., see Vacha, M. 242 (1995) 169
Huang, R.-B., see Wang, C.-R. 242 (1995) 355
Hwang, S.M., see Ryu, S.-O. 242 (1995) 279

Ichikawa, T., see Sato, T. 242 (1995) 310
Ikuta, S., see Aoki, K. 242 (1995) 527
Imbihl, R., see Mertens, F. 242 (1995) 221
Ishii, C., N. Shindo and K. Kaneko, Random magnetism of superhigh surface area carbon having minute graphitic structures 242 (1995) 196
Ito, H., see Sato, N. 242 (1995) 650
Ito, T., see Sato, T. 242 (1995) 310

Iwai, K., see Ohtani, B. 242 (1995) 315
Izuha, M. and K. Yamanouchi, New vibronic bands of the laser-vaporized C_3 cluster. Determination of the ν_3 fundamental in the $\tilde{A}^1\Pi_u$ state 242 (1995) 435

Jang, H.W. and J.C. Light, Reactive scattering via real finite-range solutions: pointwise projections 242 (1995) 62
Jarvie, T.P., see Mueller, K.T. 242 (1995) 535
Jiang, Y., see Shao, Y. 242 (1995) 191
Jimenez-Vazquez, H.A., see Laskin, J. 242 (1995) 249
Johannessen, O.G., see Lee, Y.K. 242 (1995) 304
Jokisaari, J., see Ala-Korpela, M. 242 (1995) 95
Jonsson, D., see Norman, P. 242 (1995) 7

Kadono, K., see Sato, T. 242 (1995) 310
Kajzar, F., see Chane-Ching, K. 242 (1995) 598
Kalyuzhnyi, Yu.V., O. Pizio and S. Sokołowski, Density profiles of one-component shielded sticky point fluid near a hard wall 242 (1995) 297
Kaneko, K., see Ishii, C. 242 (1995) 196
Kärger, J., see Fritzsche, S. 242 (1995) 361
Karpov, G.V., see Dunsyuryun, D.H. 242 (1995) 390
Katoh, R., see Koizumi, H. 242 (1995) 320
Kemper, P.R., J.E. Bushnell, P. Maitre and M.T. Bowers, Comment on "The origin of anomalous bond dissociation energies of $V^+(H_2)_n$ clusters" 242 (1995) 244
Kendler, S., S. Zilberg and Y. Haas, A REMPI study of indene and its clusters with argon and krypton 242 (1995) 139
Kera, Y., see Ohtani, B. 242 (1995) 315
Kesäniemi, Y.A., see Ala-Korpela, M. 242 (1995) 95
Kim, W., see Schaeffer, M.W. 242 (1995) 632
Kiyotani, H., see Hara, K. 242 (1995) 455
Klotz, A., see Boissel, P. 242 (1995) 157
Kobe, K., see Schreiber, E. 242 (1995) 106
Koizumi, H., R. Katoh, K. Lacmann and W.F. Schmidt, Photoconductivity and photoelectron emission of liquid squalane and squalene induced by vacuum-ultraviolet light 242 (1995) 320
Kominami, H., see Ohtani, B. 242 (1995) 315
Kondow, T., see Fukuda, Y. 242 (1995) 121
Koput, J., Ab initio potential energy surfaces of large-amplitude motions for quasi-symmetric top molecules: CH_3NCO 242 (1995) 514
Kornyshev, A.A. and K.M. Robinson, On the interpretation of X-ray reflectivity spectra from liquid metal surfaces. Erratum to "Interfacial electronic profile from X-ray reflectivity" (Chem. Phys. Letters 219 (1994) 132). Erratum 242 (1995) 367
Kshirsagar, A., see Zope, R.R. 242 (1995) 555
Kuchitsu, K., see Sato, N. 242 (1995) 650
Kurur, N.D., see Lee, Y.K. 242 (1995) 304

Lacmann, K., see Koizumi, H. 242 (1995) 320
Lapouyade, R., see Le Breton, H. 242 (1995) 604
Laskin, J., H.A. Jimenez-Vazquez, R. Shimshi, M. Saunders, M.S. de Vries and C. Lifshitz, Kinetic energy releases upon dissociation of endohedral fullerene cations 242 (1995) 249

Le Breton, H., J.-F. Létard, R. Lapouyade, A. Le Calvez, R. Maleck Rassoul, E. Freysz, A. Ducasse, C. Belin and J.-P. Morand, Study of fluorinated sulfonyl stilbenes in Langmuir–Blodgett films for an efficient harmonic generation in the blue domain 242 (1995) 604
Le Calvez, A., see Le Breton, H. 242 (1995) 604
Lee, Y.-P., see Lo, W.-J. 242 (1995) 147
Lee, Y.K., N.D. Kurur, M. Helmle, O.G. Johannessen, N.C. Nielsen and M.H. Levitt, Efficient dipolar recoupling in the NMR of rotating solids. A sevenfold symmetric radiofrequency pulse sequence 242 (1995) 304
Legon, A.C., see Bloemink, H.I. 242 (1995) 113
Legon, A.C., see Hinds, K. 242 (1995) 407
Lemmer, U., see Muccini, M. 242 (1995) 207
Lequan, M., see Chane-Ching, K. 242 (1995) 598
Lequan, R.M., see Chane-Ching, K. 242 (1995) 598
Létard, J.-F., see Le Breton, H. 242 (1995) 604
Levitt, M.H., see Lee, Y.K. 242 (1995) 304
Lewis, V., see Buthelezi, T. 242 (1995) 627
Liao, M.-Y., B.G.M. Chew and D.B. Zax, Noise excitation of half-integer quadrupolar spins at high field 242 (1995) 89
Lifshitz, C., see Laskin, J. 242 (1995) 249
Light, J.C., see Jang, H.W. 242 (1995) 62
Liu, Z.-Y., see Wang, C.-R. 242 (1995) 355
Lo, W.-J., Y.-P. Lee, J.-H.M. Tsai and J.S. Beckman, Ultraviolet absorption spectra of cis and trans potassium peroxynitrite (KOONO) in solid argon 242 (1995) 147
Lounila, J., see Ala-Korpela, M. 242 (1995) 95
Lu, D., B. Marten, Y. Cao, M.N. Ringnalda, R.A. Friesner and W.A. Goddard III, Ab initio predictions of large hyperpolarizability push–pull polymers. Julolidinyl-*n*-isoxazolone and julolidinyl-*n*-N,N′-diethylthiobarbituric acid 242 (1995) 543

Machida, S., see Urano, T.I. 242 (1995) 471
Machida, S., see Vacha, M. 242 (1995) 169
Mahrt, R.F., see Muccini, M. 242 (1995) 207
Maitre, P., see Kemper, P.R. 242 (1995) 244
Maleck Rassoul, R., see Le Breton, H. 242 (1995) 604
Marcinek, R. and E. Pollak, Stable periodic orbits of the highly excited nonrotating H_3^+ molecular ion 242 (1995) 54
Marten, B., see Lu, D. 242 (1995) 543
Martin, J.M.L., J. El-Yazal and J.-P. François, Structure and vibrational spectra of carbon clusters C_n ($n = 2$–10, 12, 14, 16, 18) using density functional theory including exact exchange contributions 242 (1995) 570
Martin, J.M.L., On the effect of core correlation on the geometry and harmonic frequencies of small polyatomic molecules 242 (1995) 343
Marty, P., see Boissel, P. 242 (1995) 157
Matsui, S. and H. Miura, ^{1}H–^{13}C cross-polarization using a modified magic echo sequence for ^{1}H spin locking 242 (1995) 163
Matsuura, T., see Ohtani, B. 242 (1995) 315
Maxton, P.M., see Schaeffer, M.W. 242 (1995) 632
May, B.D., S.F. Cartier and A.W. Castleman Jr., Delayed ionization and delayed atomic ion emission of Ti and V metallocarbohedrenes. Evidence for collective electronic effects 242 (1995) 265

Mayer, I., Non-orthogonal localized orbitals and orthogonal atomic hybrids derived from Mulliken's population analysis 242 (1995) 499
Mazur, E., see Deliwala, S. 242 (1995) 617
McKellar, A.R.W., see Xu, Y. 242 (1995) 126
Mertens, F. and R. Imbihl, Parameter-dependent anisotropy of front propagation in the $H_2 + O_2$ reaction on Rh(110) 242 (1995) 221
Mieher, W.D., see Deliwala, S. 242 (1995) 617
Mingotaud, C., see Ravaine, S. 242 (1995) 478
Miret-Artés, S., see Pilar de Lara, M. 242 (1995) 336
Mittal, J.P., see Chowdhury, P.K. 242 (1995) 421
Miura, H., see Matsui, S. 242 (1995) 163
Miya, M., see Sato, T. 242 (1995) 310
Morand, J.-P., see Le Breton, H. 242 (1995) 604
Morawski, O. and J. Prochorow, Fluorescence and phosphorescence emission and nonradiative relaxation of acridine in a crystalline matrix of 2,3-dimethylnaphthalene 242 (1995) 253
Morozov, I.I., see Dunsyuryun, D.H. 242 (1995) 390
Muccini, M., R.F. Mahrt, R. Hennig, U. Lemmer, H. Bässler, F. Biscarini, R. Zamboni and C. Taliani, Observation of interface excitons and energy transfer processes in an oligo-thiophene multi-layer structure 242 (1995) 207
Mueller, K.T., T.P. Jarvie, D.J. Aurentz and B.W. Roberts, The REDOR transform: direct calculation of internuclear couplings from dipolar-dephasing NMR data 242 (1995) 535
Mukamel, S. and V. Rupasov, Energy transfer, spectral diffusion, and fluorescence of molecular aggregates: Brownian oscillator analysis 242 (1995) 17
Münster, A.F., see Watzl, M. 242 (1995) 273
Murashov, V., Ab initio study of small gallium phosphate clusters (Chem. Phys. Letters 236 (1995) 609). Erratum 242 (1995) 651

Nagels, B., M. Schuurman, L.J.F. Hermans and P.L. Chapovsky, Use of electric fields to study nuclear spin conversion in molecules. Application to CH_3F 242 (1995) 48
Nalivaiko, S.E., see Gordon, E.B. 242 (1995) 75
Nielsen, N.C., see Lee, Y.K. 242 (1995) 304
Nishimoto, S., see Ohtani, B. 242 (1995) 315
Nomura, O., see Aoki, K. 242 (1995) 527
Nordlander, P., see Averitt, R.D. 242 (1995) 592
Norman, P., D. Jonsson, O. Vahtras and H. Ågren, Cubic response functions in the random phase approximation 242 (1995) 7

Obi, K., see Fukushima, M. 242 (1995) 443
Öhm, H., see Eichkorn, K. 242 (1995) 652
Ohtani, B., K. Iwai, H. Kominami, T. Matsuura, Y. Kera and S. Nishimoto, Titanium(IV) oxide photocatalyst of ultra-high activity for selective N-cyclization of an amino acid in aqueous suspensions 242 (1995) 315
Oja, J., see Ala-Korpela, M. 242 (1995) 95
Okabayashi, T., see Tanimoto, M. 242 (1995) 153
Okada, T., see Chosrowjan, H. 242 (1995) 644
Olivucci, M., see Smith, B.R. 242 (1995) 27

Pacios, L.F., A numerical study on the effective dimension of protein surfaces 242 (1995) 325
Pajączkowska, A., see Ryba-Romanowski, W. 242 (1995) 623
Papanyan, V.O., see Averitt, R.D. 242 (1995) 592
Pathak, R.K., see Zope, R.R. 242 (1995) 555
Paul, J.B., see Scherer, J.J. 242 (1995) 395
Pavlenko, V.S., see Gordon, E.B. 242 (1995) 75
Peng, S.Y., see Guo, X.Y. 242 (1995) 228
Persson, B.N.J. and P. Avouris, The effects of the electric field in the STM on excitation localization. Implications for local bond breaking 242 (1995) 483
Pfeifer, H., see Fritzsche, S. 242 (1995) 361
Picaud, S., S. Briquez and C. Girardet, Molecule–step interactions in the aggregation of admolecules on ionic substrates 242 (1995) 212
Pidun, U., see Dapprich, S. 242 (1995) 521
Pilar de Lara, M., P. Villarreal, G. Delgado-Barrio, S. Miret-Artés, E. Buonomo and F.A. Gianturco, Fragmentation of Ar_3^+ clusters via vibrational predissociation 242 (1995) 336
Pippenger, P.M., see Averitt, R.D. 242 (1995) 592
Pisarski, W.A., see Ryba-Romanowski, W. 242 (1995) 623
Pizio, O., see Kalyuzhnyi, Yu.V. 242 (1995) 297
Pollak, E., see Marcinek, R. 242 (1995) 54
Pommier, J., see Abouaf, R. 242 (1995) 184
Prochorow, J., see Morawski, O. 242 (1995) 253
Pullen, S., L.A. Walker II, B. Donovan and R.J. Sension, Femtosecond transient absorption study of the ring-opening reaction of 1,3-cyclohexadiene 242 (1995) 415
Pullen, S., see Walker II, L.A. 242 (1995) 177

Rabinowitz, M.J., see Ryu, S.-O. 242 (1995) 279
Ravaine, S., B. Agricole, C. Mingotaud, J. Cousseau and P. Delhaès, Langmuir and Langmuir–Blodgett films of a perfluoro C_{60} derivative 242 (1995) 478
Ravishankara, A.R., see Turnipseed, A.A. 242 (1995) 427
Reuben, B.G., see Dunne, L.J. 242 (1995) 560
Ringnalda, M.N., see Lu, D. 242 (1995) 543
Robb, M.A., see Smith, B.R. 242 (1995) 27
Roberts, B.W., see Mueller, K.T. 242 (1995) 535
Robinson, K.M., see Kornyshev, A.A. 242 (1995) 367
Romascan, J., see Schaeffer, M.W. 242 (1995) 632
Ruff, A., see Schreiber, E. 242 (1995) 106
Rumi, M. and G. Zerbi, Progression of combination bands in the infrared spectra of polyenes 242 (1995) 639
Rupasov, V., see Mukamel, S. 242 (1995) 17
Rutz, S., see Schreiber, E. 242 (1995) 106
Ryba-Romanowski, W., S. Gołąb, W.A. Pisarski, G. Dominiak-Dzik and A. Pajączkowska, Investigation of the Cr^{3+} sites in $SrLaGaO_4$ crystal 242 (1995) 623
Ryu, S.-O., S.M. Hwang and M.J. Rabinowitz, Rate coefficient of the $O + H_2 = OH + H$ reaction determined via shock tube–laser absorption spectroscopy 242 (1995) 279
Rzhevsky, O.S., see Gordon, E.B. 242 (1995) 75

Saito, S., see Tanimoto, M. 242 (1995) 153
Sakaguchi, T., see Sato, T. 242 (1995) 310
Sano, K., see Urano, T.I. 242 (1995) 471

Sathyamurthy, N., see Chakrabarti, N. 242 (1995) 490
Sato, K., S. Tsunashima, T. Takayanagi, G. Fijisawa and A. Yokoyama, Translational distributions of fragments produced in the photodissociation of vinyl fluoride at 157 nm 242 (1995) 401
Sato, N., H. Ito and K. Kuchitsu, Electronic transition moment of the AlO($B\ ^2\Sigma^+$–$X\ ^2\Sigma^+$) emission. Analysis of the R dependence of the $Al^{2+}O^{2-}$ character in the $X\ ^2\Sigma^+$ state (Chem. Phys. Letters 240 (1995) 10). Erratum 242 (1995) 650
Sato, T., T. Ichikawa, T. Ito, Y. Yonezawa, K. Kadono, T. Sakaguchi and M. Miya, Nonlinear optical properties of silver sols prepared by photoreduction method 242 (1995) 310
Saunders, M., see Laskin, J. 242 (1995) 249
Savolainen, M.J., see Ala-Korpela, M. 242 (1995) 95
Saykally, R.J., see Scherer, J.J. 242 (1995) 395
Schaeffer, M.W., W. Kim, P.M. Maxton, J. Romascan and P.M. Felker, Raman spectroscopy of naphthalene clusters. Evidence for a symmetrical trimer and an unsymmetrical tetramer 242 (1995) 632
Scherer, J.J., J.B. Paul and R.J. Saykally, Cavity ringdown laser absorption spectroscopy of the jet-cooled aluminum dimer 242 (1995) 395
Schmidt, W.F., see Koizumi, H. 242 (1995) 320
Schreiber, E., K. Kobe, A. Ruff, S. Rutz, G. Sommerer and L. Wöste, Ultrafast fragmentation probability of the Na_3 C state 242 (1995) 106
Schulz, C., B. Yip, V. Sick and J. Wolfrum, A laser-induced fluorescence scheme for imaging nitric oxide in engines 242 (1995) 259
Schuurman, M., see Nagels, B. 242 (1995) 48
Sension, R.J., see Pullen, S. 242 (1995) 415
Sension, R.J., see Walker II, L.A. 242 (1995) 177
Serra, G., see Boissel, P. 242 (1995) 157
Shao, Y. and Y. Jiang, Symmetry of hydrogenated C_{60} 242 (1995) 191
Shapiro, M., Accurate determination of excited state potentials from frequency-resolved fluorescence data and knowledge of the ground state potential 242 (1995) 548
Shen, Y., T. Wu and Y. Yang, Proton dipolar spinning-sideband intensities in the MAS NMR spectrum of a solid containing a molecular group with fast anisotropic rotation 242 (1995) 83
Shimshi, R., see Laskin, J. 242 (1995) 249
Shindo, N., see Ishii, C. 242 (1995) 196
Sick, V., see Schulz, C. 242 (1995) 259
Silbey, R.J., see Cho, M. 242 (1995) 291
Smith, B.R., M.J. Bearpark, M.A. Robb, F. Bernardi and M. Olivucci, 'Classical wavepacket' dynamics through a conical intersection. Application to the S_1/S_0 photochemistry of benzene 242 (1995) 27
Smith, J.C., see Foloppe, N. 242 (1995) 238
Soares, D.M., M.C. dos Santos and O. Teschke, Anodically grown porous silicon structure: formation mechanisms 242 (1995) 202
Sokołowski, S., see Kalyuzhnyi, Yu.V. 242 (1995) 297
Sommerer, G., see Schreiber, E. 242 (1995) 106
Subra, R., see Barone, V. 242 (1995) 351
Szichman, H. and M. Baer, Quantum mechanical treatment of the $H_2 + OH \Leftrightarrow H + H_2O$ reactions. Calculations of cross sections and rate constants 242 (1995) 285

Takagi, S., see Chosrowjan, H. 242 (1995) 644
Takayanagi, T., see Sato, K. 242 (1995) 401
Taliani, C., see Muccini, M. 242 (1995) 207

Tanigichi, S., see Chosrowjan, H. 242 (1995) 644
Tanimoto, M., S. Saito and T. Okabayashi, Microwave spectrum of FeCl radical in the electronic ground $^6\Delta_i$ state 242 (1995) 153
Terasaki, A., see Fukuda, Y. 242 (1995) 121
Teschke, O., see Soares, D.M. 242 (1995) 202
Tokumaru, K., see Chosrowjan, H. 242 (1995) 644
Treutler, O., see Eichkorn, K. 242 (1995) 652
Tsai, J.-H.M., see Lo, W.-J. 242 (1995) 147
Tsukuda, T., see Fukuda, Y. 242 (1995) 121
Tsunashima, S., see Sato, K. 242 (1995) 401
Turnipseed, A.A., M.K. Gilles, J.B. Burkholder and A.R. Ravishankara, LIF detection of IO and the rate coefficients for $I + O_3$ and IO + NO reactions 242 (1995) 427

Urano, T.I., S. Machida and K. Sano, Dynamics of a nematic liquid crystal on a PBLG-CRA film. Time-resolved infrared spectroscopic study 242 (1995) 471

Vacha, M., S. Machida and K. Horie, Spectral hole burning in the Soret absorption band of a zinc tetrabenzoporphin derivative 242 (1995) 169
Vahtras, O., see Norman, P. 242 (1995) 7
Valladares, R.M., A.J. Fisher and W. Hayes, Path-integral simulations of zero-point effects for implanted muons in benzene 242 (1995) 1
Vigasin, A.A., Thermally averaged effective dissociation energy of dimers 242 (1995) 33
Villarreal, P., see Pilar de Lara, M. 242 (1995) 336
Vogel, M., see Gruber, A. 242 (1995) 465
Von Borczyskowski, C., see Gruber, A. 242 (1995) 465

Walker II, L.A., S. Pullen, B. Donovan and R.J. Sension, On the structure of iodine charge-transfer complexes in solution 242 (1995) 177
Walker II, L.A., see Pullen, S. 242 (1995) 415
Wang, C.-R., R.-B. Huang, Z.-Y. Liu and L.-S. Zheng, C_nB^- ($n < 13$): laser generation and ab initio calculations 242 (1995) 355
Watzl, M. and A.F. Münster, Turing-like spatial patterns in a polyacrylamide–methylene blue–sulfide–oxygen system 242 (1995) 273
Winkler, C., Dimer concentrations in supersonic molecular beams 242 (1995) 39
Wolfrum, J., see Schulz, C. 242 (1995) 259
Wolfsberg, M., see Fritzsche, S. 242 (1995) 361
Wöste, L., see Schreiber, E. 242 (1995) 106
Wrachtrup, J., see Gruber, A. 242 (1995) 465
Wu, G., The fractal character in the eigenstates of highly excited vibrational manifolds 242 (1995) 333
Wu, T., see Shen, Y. 242 (1995) 83

Xu, Y., M. Fukushima, T. Amano and A.R.W. McKellar, Infrared absorption spectroscopy of molecular ions in a corona-discharge slit expansion 242 (1995) 126

Yamanouchi, K., see Izuha, M. 242 (1995) 435
Yang, Y., see Shen, Y. 242 (1995) 83
Yip, B., see Schulz, C. 242 (1995) 259
Yokoyama, A., see Sato, K. 242 (1995) 401
Yonezawa, Y., see Sato, T. 242 (1995) 310
Yu, C., see Chang, N. 242 (1995) 232

Zamboni, R., see Muccini, M. 242 (1995) 207
Zax, D.B., see Liao, M.-Y. 242 (1995) 89
Zerbi, G., see Rumi, M. 242 (1995) 639
Zewail, A.H., see Cheng, P.Y. 242 (1995) 369
Zewail, A.H., see Heikal, A.A. 242 (1995) 380
Zheng, L.-S., see Wang, C.-R. 242 (1995) 355
Zhong, B., see Guo, X.Y. 242 (1995) 228
Zhong, D., see Cheng, P.Y. 242 (1995) 369
Zilberg, S., see Kendler, S. 242 (1995) 139
Zope, R.R., A. Kshirsagar and R.K. Pathak, Leading corrections to the Compton profiles beyond the impulse approximation: second-order correction 242 (1995) 555